



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4005	DISPATCH DATE				05.9.2014	
2.	Railway	CR	Type	LWFAC	Coach No.	14002		
3.	Booked to	SSE/C&W/CSTM						
4.	Tare Weight of Coach	43.6 T						
5.	Carrying Capacity	Seating	24	Sleeping	24	Luggage	NIL	
6.	Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')							
6.1	Leading Dimensions:							
i)	Maximum length over Body	23700+10/-0 mm						
ii)	Maximum width over Body	3240-8/+0 mm, 3050 mm (LWSCZDAC)						
iii)	Max. Height From Rail Level	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)						
iv)	Buffer/CBC Height	Specified : 1105 +0 /-15 mm		1105	1105			
v)	Buffer/CBC (Make)	FAIVELEY		Fiba Device	NIL			
7.	Air Brake Testing:		Description		Specified	Observed		
7.1	Full Brake Application		Reduce pressure of BP from 5.0 to 3.4 kg/cm ²		6 -10 sec	6 Sec		
			Max Pressure in BC		3.00 ± 0.15 Kg/cm ²	3.00		
			All Brake are applied		OK	OK		
7.2	Insensitivity		Exhaust BP @ 0.3 kg/cm ² /min		No brake application	OK		
7.3	Sensitivity		Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.		Brake must apply	OK		
8.	PAINTING DEATAILS:		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE			
8.1	PAINT		PU PAINT	NEROLAC	87/87			
8.2	APPLICATION OF PCN-123		SATISFACTORY					
8.3	INSUALTION		SATISFACTORY					
9.	Traceability of Furnishing Items:					Make		
i.	BRAKE EQUIPMENT					FAIVELEY		
ii.	CDTS/ BIO TOILET					AMIT, KUTEER		
iii.	SEATS/ BERTHS					AAR KAY FOAMS		
iv.	BODY SIDE DOOR					JBM		
v.	VESTIBULE SLIDING DOOR					JBM		
vi.	SALOON DOOR					JBM		
vii.	WATER TANKS					AMIT		
viii.	UIC VESTIBULE					KRP		
ix	FLOOR BOARD					TAYAL		
x	PVC FLOORING					RESPONSIVE		
10.								
10.1	Modification / Trail (if any):					NIL		
10.2	Deviations if any:					NIL		



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12.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			4005		CR		LWFAC		14002		10-07-2014	
12.1	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	146598					146599				
	ii.	Frame No.	FIAT-3217					FIAT-3265				
	iii.	Bolster No.	3965-VT					3998-VT				
	iv.	Axle No.	126395/480		RWF-110133		128168/984		114510/370			
	v.	Wheel Dia.	916.00	916.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00	
	vi.	Wheel Disc No.	016-10559	178-10559	127-50859	186-51781	238-11600	174-11600	023-10583	168-10533		
	vii.	R.B. Nos.	35812	36408	00061	34510	35768	36237	35848	35769		
	viii.	R.B. Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN			
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
12.2	Secondary suspension load deflection Values:											
Description		Secondary 1		Secondary 2		Secondary 1		Secondary 2				
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner			
i.	Make & nos.	BPS-2013-119	BPS-2013-040	BPS-2013-122	BPS-2013-075	BPS-2013-10	BPS-2013-78	BPS-2013-48	BPS-2013-96			
ii.	Ht. attest load	507	466	507	468	507	464	509	467			
iii.	Align .deviation	8	29	8	24	10	31	11	28			
12.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			BPS-2013		BPS-2013		BPS			
	ii.	Primary inner Spring			BPS-2013		BPS-2013		BPS			
	iii.	Primary Damper							KONI			
	iv.	Secondary damper							SACHS			
	v.	Lateral Damper							SACHS			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							FTI			
	viii.	Brake Disc							FTI,KBI			
	ix.	Ball joint Control arm							GMT			
	x.	Lateral Bump stop							GMT			
	xi.	Traction center make							SARITA			
	xii.	Traction lever make							SARITA			
	xiii.	Ball joint traction lever							SGA			
	xiv.	Traction centre elastic							SGA			
	xv.	Secondary rubber pad							TESPAK			
	xvi.	Rubber spring							GMT			
	xvii.	Anti roll bar make							SARITA			
	xviii.	Ball joint roll link							SARITA			
	xix.	Fork make							EMSON			
12.4	i.	Modification / Trial (if any):				NIL						
	ii.	Deviations (if any):				NIL						